

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2667	power near2 factor near2 correction	US-PGPUB; USPAT	OR	ON	2005/11/10 14:43
S2	1131	S1 and voltage near3 (sens\$3 detect\$3)	US-PGPUB; USPAT	OR	ON	2005/11/10 16:02
S3	455	S1 same controller	US-PGPUB; USPAT	OR	ON	2005/11/10 16:06
S4	77	S3 and relay	US-PGPUB; USPAT	OR	ON	2005/11/10 15:34
S5	7	("4387331" "5465011" "5481449" "5668464" "5747972" "6157168" "6295215").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 14:48
S6	22	("4943902" "5006975" "5235504" "5420780" "5515261" "5532918" "5568041" "5614812" "5682306" "5684426" "5715154" "5757635" "5790395" "5834924" "5864473" "5886431" "5920186" "5973419" "5991175" "5994882" "6108222" "6150800").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 14:49
S7	2	("5757626" "5909107").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 14:50
S8	9	("4709181" "5068776" "5301095" "5349514" "5354972" "5424933" "5515257" "5523936" "5581451").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 14:52
S9	209	S1 same voltage near3 (sens\$3 detect\$3)	US-PGPUB; USPAT	OR	ON	2005/11/10 15:35
S10	11	("3265930" "4190882" "4903181" "5383109" "5657219" "5923152" "6373734" "6388429" "6465990" "6531854").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 15:06
S11	4	("5008795" "5302862" "5477132" "5508903").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 15:22
S12	7	("4792887" "5003454" "5012161" "5406471" "5471376" "5502630" "5642267").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 15:24
S13	13	("4683529" "4837495" "4942509" "5001620" "5003454" "5006975" "5146398" "5359274" "5508602" "5515261" "5519306" "5612609" "5644214").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 15:28
S14	3	("5003454" "5367247" "5371667").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 15:31
S15	19	("5644214").URPN.	USPAT	OR	ON	2005/11/10 15:31
S16	417	S1 and relay	US-PGPUB; USPAT	OR	ON	2005/11/10 15:34
S17	239	S16 and voltage near3 (sens\$3 detect\$3)	US-PGPUB; USPAT	OR	ON	2005/11/10 15:35
S18	6909	(capacitor capacitive capacitance) near3 voltage near3 (sens\$3 detect\$3)	US-PGPUB; USPAT	OR	ON	2005/11/14 10:09
S19	134	S1 and S18	US-PGPUB; USPAT	OR	ON	2005/11/10 16:32
S20	14	("4683529" "5406471" "5489837" "5502628" "5508904" "5515257" "5515261" "5519306" "5568041" "5617013" "5627708" "5734564" "5757635" "5771168").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 15:51
S21	3	("4209826" "5297014" "5515261").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 15:59
S22	9035	AC near2 DC near2 (converter conversion)	US-PGPUB; USPAT	OR	ON	2005/11/14 07:19

S23	1464	S22 and relay	US-PGPUB; USPAT	OR	ON	2005/11/14 07:28
S24	59	S23 and (capacitor capacitance) near3 voltage near3 (detect\$3 sens\$3)	US-PGPUB; USPAT	OR	ON	2005/11/14 07:28
S25	3	("5045989" "6215287" "6783440").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 07:24
S26	44553	(converter conversion) and relay	US-PGPUB; USPAT	OR	ON	2005/11/14 07:28
S27	414	S26 and (capacitor capacitance) near3 voltage near3 (detect\$3 sens\$3)	US-PGPUB; USPAT	OR	ON	2005/11/14 07:59
S28	3	("4437133" "5272313" "5601741").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 07:52
S29	7908	rectifier near5 relay	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 07:59
S30	36	S29 and (capacitor capacitance) near3 voltage near3 (detect\$3 sens\$3)	US-PGPUB; USPAT	OR	ON	2005/11/14 07:52
S31	5	("5038244" "5537015" "6700765" "6788014" "6900606").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 07:57
S32	32122	rectifier same relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 07:59
S33	243	S32 and (capacitor capacitance) near3 voltage near3 (detect\$3 sens\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:23
S34	1	("5291106").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/14 08:02
S35	10	("3577055" "3876920" "4173732" "4216420" "4423363" "4554999" "4815575" "5034669" "5091679" "5127085").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 08:03
S36	7	("3577055" "3593089" "3657625" "3876920" "3947740" "3983465" "4087727").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 08:04
S37	5	("5038244" "5537015" "6700765" "6788014" "6900606").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 08:08
S38	10	("3991352" "4093900" "4672277" "5291106" "5471125" "5814954" "6331365" "6369538" "6611126" "6653806").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 08:08
S39	11341	diode near4 relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:29
S40	162	S39 and (capacitor capacitance) near3 voltage near3 (detect\$3 sens\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:23

S41	138432	samsung adj electronics.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:23
S42	55	S41 and (capacitor capacitance) near3 voltage near3 (detect\$3 sens\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:29
S43	8	("4683529" "5006975" "5028861" "5134355" "5367247" "5467010" "5508602" "5644214").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 08:27
S44	18117	diode near4 contacts	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:29
S45	128	S44 and (capacitor capacitance) near3 voltage near3 (detect\$3 sens\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:32
S46	307	relay near2 switches and (capacitor capacitance) near3 voltage near3 (detect\$3 sens\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:47
S47	3457	inductor near5 (relay contacts)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:47
S48	32	S22 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:48
S49	362	S22 same relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 08:48
S50	4056	power near2 factor near2 correction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 09:52
S51	343	S50 same (relay contact breaker)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 12:14

S52	6	("4731574" "4736151" "5278490" "5412308" "5457622" "5461302").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 10:02
S53	0	KINSEISHA.as.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 10:04
S54	2552	KINSEISHA.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 10:04
S55	20	S54 and relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:06
S56	3	S50 same relay near3 (driv\$3 driver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 10:09
S57	5035	(conversion converter) and relay near3 (driv\$3 driver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 10:09
S58	10672	(capacitor capacitive capacitance) near3 voltage near3 (sens\$3 detect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 10:10
S59	72	S57 and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:29
S60	1289	S50 and (relay contact breaker)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 10:12
S61	48	S60 and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 10:14
S62	56171	rectifier same (relay contact breaker)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 10:14

S63	401	S62 and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 10:14
S64	110598	SWITCH NEAR4 relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:07
S65	182	S50 AND S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:07
S66	8	("5019952" "5434767" "5446366" "5636106" "5642267" "5793190" "5923152" "6166527").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 11:09
S67	10	("4549254" "5146399" "5570276" "5617015" "5786990" "5894214" "5991166" "5999419" "6144565" "6175219").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 11:11
S68	2061	S57 and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:15
S69	478	S58 and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:15
S70	8	S50 AND S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:15
S71	149	CONVERTER AND S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:22
S72	58	S50 and (drive driver driving) near3 relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:39
S73	158	S58 and (drive driver driving) near3 relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:29

S74	3629	converter and (drive driver driving) near3 relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:29
S75	52	S74 and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:35
S76	1	("5483142").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/14 11:35
S77	4	("4586118" "4816985" "4965860" "5142435").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 11:36
S78	1039	rectifier same (drive driver driving) near3 relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:42
S79	15	S58 and S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:44
S80	3172	rectifier and (drive driver driving) near3 relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:42
S81	56	S58 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:43
S82	865	S58 same (relay breaker contacts)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:44
S83	5	S50 and S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:45
S84	203	converter and S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 11:45
S85	9	("20010026460" "3293498" "4516665" "4656571" "5126585" "5915070" "6271633" "6483730").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 11:47

S86	17	("3579074" "3755711" "3818309" "4451743" "4689734" "5003244" "5008798" "5063340" "5095223" "5119010" "5161094" "5170129" "5179289" "5187421" "5255660" "5422558" "5461297").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 11:52
S87	25	("5285029").URPN.	USPAT	OR	ON	2005/11/14 11:54
S88	4	("4475631" "4662478" "4713595" "5058710").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 12:01
S89	52	S50 and (branch bypass) near3 resistor	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 12:09
S90	3099	inductor near4 (relay contact breaker)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 12:10
S91	284	S90 and converter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 12:10
S92	38753	disconnect\$3 near4 (relay contact breaker)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 12:14
S93	90	S50 and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 12:14
S94	3	("3753071" "4207498" "4350935").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 12:22
S95	2093	(converter conversion) and power near2 factor and (relay breaker)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 12:28
S96	74	S58 and S95	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 12:23
S97	1166278	correct\$ power near2 factor and (relay breaker)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 12:29
S98	2664	S58 and S97	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 12:29
S99	1517	S98 and (converter conversion)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 12:29
S100	974	correct\$ near3 power near2 factor and (relay breaker)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 13:15
S101	38	S58 and S100	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 13:16
S102	557	correct\$ near3 power near2 factor same inverter	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 12:31

S10 3	283	S102 and voltage near3 (sens\$3 detect\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 12:32
S10 4	244	correct\$ near3 power near2 factor and INRUSH	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 13:15
S10 5	240	correct\$3 near3 power near2 factor and INRUSH	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 13:17
S10 6	17	S58 and S105	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 13:16
S10 7	1097	correct\$3 near3 power near2 factor and (inrush rush over spike excess surge) near2 current	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 13:18
S10 8	1094	correct\$3 near3 power near2 factor and (inrush rush over spike excess surge) near2 voltage	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 13:18
S10 9	565	S107 and S108	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 13:18
S11 0	4	("4827151" "5115185" "5258901" "5568041").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 13:43
S11 1	1	10/268756	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 13:46
S11 2	158	(361/15).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/11/15 05:55
S11 3	0	("1andpowernear2factor").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/15 05:55
S11 4	15	S112 and power near2 factor	US-PGPUB; USPAT	OR	ON	2005/11/15 05:56
S11 5	1842	(361/18,20,23).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/11/15 05:57
S11 6	426	S115 and (converter conversion power near2 factor)	US-PGPUB; USPAT	OR	ON	2005/11/15 06:03
S11 7	246	S116 and voltage near3 (sens\$3 detect\$3 monitor\$2)	US-PGPUB; USPAT	OR	ON	2005/11/15 06:03
S11 8	19928	("363").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/11/15 06:03
S11 9	10383	S118 and (converter conversion power near2 factor)	US-PGPUB; USPAT	OR	ON	2005/11/15 06:17
S12 0	4615	S119 and voltage near3 (sens\$3 detect\$3 monitor\$2)	US-PGPUB; USPAT	OR	ON	2005/11/15 06:43
S12 1	740	S120 and (relay breaker)	US-PGPUB; USPAT	OR	ON	2005/11/15 06:24
S12 2	519	S121 and rectifier	US-PGPUB; USPAT	OR	ON	2005/11/15 06:04
S12 3	310	S121 and (inrush rush surge spike excess over) near2 current	US-PGPUB; USPAT	OR	ON	2005/11/15 08:24
S12 4	7	("5371645" "5408842" "5428967" "5714806" "6278910" "6384558" "6539739").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 06:17
S12 5	62577	LG adj electronics.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 06:17

S12 6	900	S125 and (converter conversion power near2 factor)	US-PGPUB; USPAT	OR	ON	2005/11/15 06:24
S12 7	47	S126 and (relay breaker)	US-PGPUB; USPAT	OR	ON	2005/11/15 06:18
S12 8	3	("5577153" "5994869" "6016041").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 06:19
S12 9	2636	S125 and (converter conversion power near2 factor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 08:23
S13 0	71	S129 and relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 06:21
S13 1	1672	inverter same power near2 factor	US-PGPUB; USPAT	OR	ON	2005/11/15 06:24
S13 2	333	S131 and (relay breaker)	US-PGPUB; USPAT	OR	ON	2005/11/15 07:29
S13 3	136	S132 and (inrush rush surge spike excess over) near2 current	US-PGPUB; USPAT	OR	ON	2005/11/15 06:32
S13 4	1	("6465991").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/15 06:32
S13 5	511	isolat\$3 near5 switch and power near2 factor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 06:43
S13 6	240	S135 and voltage near3 (sens\$3 detect\$3 monitor\$2)	US-PGPUB; USPAT	OR	ON	2005/11/15 06:34
S13 7	8	("5019952" "5434767" "5446366" "5636106" "5642267" "5793190" "5923152" "6166527").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 06:37
S13 8	10	("4549254" "5146399" "5570276" "5617015" "5786990" "5894214" "5991166" "5999419" "6144565" "6175219").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 06:43
S13 9	51039	("318").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/11/15 06:43
S14 0	1075	S139 and power near2 factor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 07:28
S14 1	231	S140 and (inrush rush surge spike excess over) near2 current	US-PGPUB; USPAT	OR	ON	2005/11/15 06:43
S14 2	134	S141 and voltage near3 (sens\$3 detect\$3 monitor\$2)	US-PGPUB; USPAT	OR	ON	2005/11/15 07:21
S14 3	2	((("6465991") or ("6373725"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/11/15 07:21
S14 4	263	overvoltage near2 protect\$3 and power near2 factor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 07:38

S14 5	72	S144 and (relay breaker)	US-PGPUB; USPAT	OR	ON	2005/11/15 07:33
S14 6	51	overvoltage near2 protect\$3 same power near2 factor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 07:30
S14 7	413	(capacitor capacitance) near3 voltage near2 (sens\$3 detect\$3 monitor\$2) and power near2 factor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 08:24
S14 8	70	S147 and (relay breaker)	US-PGPUB; USPAT	OR	ON	2005/11/15 08:22
S14 9	5168	capacitor near6 (excess surge spike over transient) near2 voltage	US-PGPUB; USPAT	OR	ON	2005/11/15 07:57
S15 0	435	S149 and power near2 factor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 07:57
S15 1	88	S149 same power near2 factor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 07:54
S15 2	7	("4533986" "4683529" "4795914" "4827151" "4940929" "5115185" "5170070").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 07:42
S15 3	8	("5019952" "5434767" "5446366" "5636106" "5642267" "5793190" "5923152" "6166527").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 07:47
S15 4	2	("6465991").URPN.	USPAT	OR	ON	2005/11/15 07:54
S15 5	1967	(361/91.1,111).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/11/15 07:54
S15 6	33	S155 and power near2 factor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 07:56
S15 7	4301	regulator and power near2 factor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 08:09
S15 8	1011	S157 and (excess surge spike over transient) near2 voltage	US-PGPUB; USPAT	OR	ON	2005/11/15 08:09
S15 9	150	S149 and S157	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 08:23
S16 0	2561	relay same (excess surge spike over transient) near2 voltage	US-PGPUB; USPAT	OR	ON	2005/11/15 10:29

S16 1	123	S160 and power near2 factor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 08:09
S16 2	13	("4646222" "4843533" "5157574" "5481451" "5559685" "5561596" "5623399" "5729450" "5825639" "6115270" "6169672" "6275393" "6449181").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 08:11
S16 3	1	("6804127").URPN.	USPAT	OR	ON	2005/11/15 08:11
S16 4	180496	select\$3 near5 (relay breaker switch contacts)	US-PGPUB; USPAT	OR	ON	2005/11/15 08:30
S16 5	62903	S164 and (converter conversion power near2 factor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 08:23
S16 6	469	S149 and S165	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 08:23
S16 7	906	(capacitor capacitance) near3 voltage near2 (sens\$3 detect\$3 monitor\$2) and S165	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 12:08
S16 8	150	S167 and (inrush rush surge spike excess over) near2 current	US-PGPUB; USPAT	OR	ON	2005/11/15 08:24
S16 9	8589	select\$3 near5 relay	US-PGPUB; USPAT	OR	ON	2005/11/15 08:30
S17 0	51	(capacitor capacitance) near3 voltage near2 (sens\$3 detect\$3 monitor\$2) and S169	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 08:35
S17 1	12	inductor near5 (relay breaker) and power near2 factor near3 correct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 08:44
S17 2	249	inrush near3 current and power near2 factor near3 correct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 10:26
S17 3	11	bypass near3 relay and power near2 factor near3 correct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 11:15

S17 4	72	bypass near3 (relay switch breaker) and power near2 factor near3 correct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 10:13
S17 5	1	10/661573	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 10:13
S17 6	40	S172 and overvoltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 10:27
S17 7	145	S172 and (excess surge spike over transient) near2 voltage	US-PGPUB; USPAT	OR	ON	2005/11/15 10:48
S17 8	1	("20020196644").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/15 11:04
S17 9	1	("6069811").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/15 11:11
S18 0	1	("6804127").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/15 11:11
S18 1	13	("4646222" "4843533" "5157574" "5481451" "5559685" "5561596" "5623399" "5729450" "5825639" "6115270" "6169672" "6275393" "6449181").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 11:15
S18 2	2700	discharg\$3 same overvoltage	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 11:19
S18 3	57	S182 and power near2 factor near3 correct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 11:19
S18 4	37	discharg\$3 near4 smooth near3 capacitor	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 11:19
S18 5	76087	discharg\$3 near4 capacitor	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 11:19
S18 6	1037	S185 and power near2 factor near3 correct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 11:19
S18 7	123	S186 and overvoltage	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/15 11:43
S18 8	1	("6804127").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/15 11:43
S18 9	100	(capacitor capacitance) near3 voltage near2 (sens\$3 detect\$3 monitor\$2) and inrush	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 12:14
S19 0	1	("20020051371").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/15 12:14